IAP6 Rec'd PCT/PTO 16 MAY 2006

000FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

CUSTOMER NO. 22,8	52
ATTORNEY'S DOCKET NUMBER	
07680.0034-00000	

LIS APPLICATION NO

	CO	NCERN	ING A FIL	ING UNDER 35 U.S.C. 371	(If known, see 37/CFR LS) Not You Assigned 2 9 5 0 8			
INTERNATIONAL APPLICATION NO. PCT/US2004/038059				INTERNATIONAL FILING DATE 15 November 2004	PRIORITY DATE CLAIMED 17 November 2003			
TITL	E OF IN	VENTION SKELE		E-DERIVED CELLS AND METHODS	RELATED THERETO			
APPI	LICANT(S) FOR D						
				Peter C. Yaeger Jeffrey D. Stewart Bruce M. Wentworth				
Appli	icant(s) her	ewith subm	its to the United	States Designated/Elected Office (DO/EO/US)	the following items and other information:			
1.	\boxtimes	This is a	a FIRST submis	sion of items concerning a filing under 35 U.S.C	371.			
2.		This is a	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.					
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.		The US	has been elected	d by the expiration of 19 months from the priorit	ty date (Article 31).			
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371 (c)(2)):						
		a.		tached hereto (required only if not communicate	-			
		b.		been communicated by the International Bureau				
	_	C.		ot required, as the application was filed with the				
6.		_		inslation of the International Application as filed	I (35 U.S.C. 371 (c)(2)).			
		a.		tached hereto.				
l_	<u> </u>	b.		been previously submitted under 35 U.S.C. 154				
7.	⊠			ms of the International Application under PCT A				
		a.		attached hereto (required only if not communica	•			
		b.		been communicated by the International Burea				
l		c. d.		e not been made; however, the time limit for male not been made and will not be made.	king such amendments has NO1 expired.			
8.				instation of the amendments to the claims under	DCT Article 10 (25 H S C 271 (c)(2))			
9.	⊠	_			1C1 Atticle 19 (33 0.3.C. 371 (c)(3)).			
10.	Ö	An Engl	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).					
Items	s 11 to 20 h		· ·	or information included:				
11.	\boxtimes			Statement under 37 CFR 1.97 and 1.98				
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13.	\boxtimes	A FIRS	T preliminary ar	mendment.				
14.		A SECO	A SECOND or SUBSEQUENT preliminary amendment.					
15.		A Subst	A Substitute specification.					
16.		A chang	A change of power of attorney and/or address letter.					
17.		A comp	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.					
18.		A secon	A second copy of the published international applicationunder 35 U.S.C. 154 (d)(4).					
19.		A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).						
20.	\boxtimes	Other ite	ems or informat	on:				
		a.		y of cover page of International Publication No.				
		b.		n PCT/IB/318, Notification Relating to Priority				
		c.		n PCT/IB/308, First Notice mailed June 23, 200				
		d.		n PCT/IB/308, Second and Supplementary Noti- rnational Bureau	ce mailed March 23, 2006 from the			

IAP20 Rec'd PCTIPTO 16 MAY 2006

U.S. APPLICATION NO. (If known, see 37CFR 1.5) Not You Assigned 79 508 PCT/US2004/038059 ATTORNEY'S DOCKET NUMBER 07680.0034-00000							
Not Yet Assigned PCT/US2004/038059 21. The following fees are submitted:						Applicant Use	Office Use Only
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): \$300.00					\$300.00		
						\$500.00	
-						\$200.00	
National Stage Exa	mination	Fee	•••••	•••••	\$200.00		
			ENTER APPROPI	UATE BASIC FE	EE AMOUNT =	\$1,000.00	
listing or comp	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	E	xtra Sheets	Number of additional 50 or fraction thereof (rounded up to a whole number		Rate		
76- 100 =		0/50=	0		x 250.00	0.00	
			or declaration later than (37 CFR 1.492 (e)).	□ 20	□ 30		
CLAIMS	NUM	IBER FILED	NUMBER EXTRA	RA	TE		
Total Claims	24	- 20 =	4	x \$50		\$200.00	
Independent Claims	5	-3 =	2	x \$20		\$400.00 \$	
MULTIPLE DEPENI	MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00						
				E ABOVE CAL		\$1,600.00	
☐ Applicant claim	s small en	tity status. See 3	7 CFR 1.27. The fees in	ndicated above are	reduced by 1/2.		
SUBTOTAL =						\$1,600.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest priority date (37 CFR 1.492(f)).							
TOTAL NATIONAL FEE =					\$1,600.00		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.							
TOTAL FEES ENCLOSED =					\$1,600.00		
						Amount to be refunded:	\$
						charged:	
a. Please charge my Deposit Account No. <u>06-0916</u> in the amount of <u>\$1,600.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.							
b. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0916.</u> A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.							
SEND ALL CORRESPONDENCE TO:							
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.							
Lvvv			Konstantin M. Lin	nik Date	ed: May 16, 200	5	
Washington, D.C. 20001-4413 Reg. No. 56,309							
CERTIFICATE UNDER 37 CFR § 1.10 OF MAILING BY "EXPRESS MAIL"							

I hereby certify that this correspondence is being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on May 16,2006 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Express Mail Label No. EV 684956222 US.

Nathy Meuse
Kathy Meuse

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CERTIFICATE UNDER 37 CFR § 1.10 OF MAILING BY "EXPRESS MAIL"

EV 684956222 US	May 16, 2006		
USPS Express Mail Label Number	Date of Deposit		

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Kathy Meuse